

EAST - (Untitled1:1)

File View Edit Tools Window Help

☐ Drafts  
☐ Pending  
☒ Active  
☐ Failed  
☐ Saved  
☐ Favorites  
☐ Tagged (0)  
☐ UDC  
☐ Queue  
☐ Trash

L1: (120656) disk adj1 drive  
 L2: (134) "lower ferromagnetic layer"  
 L3: (1094) "second ferromagnetic layer"  
 L4: (1171) 2 or 3  
 L5: (310050) heater  
 L6: (B) 1 and 4 and 5

DE: US69498 USPAT 4,900,000 Mar. 1992  
 Default operator: OR

1 and 4 and 5

☐ HTML  
☐ Images  
☐ Text  
☐ HTML

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current RS	Retrieval	Inventor	S	C	P	S	
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040234818	20041125	28	Perpendicular magnetic recording medium, manuf	428/694TM	428/694T		Tanahashi, Kiwamu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040233565	20041125		Perpendicular magnetic recording medium and ma	360/66	360/59		Arai, Reiko et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040071923	20040415		Method for thermally-assisted reco	428/65.3			Fullerton, Eric E. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030108721	20030612		Thermally - assisted magnetic recording disk	428/195.1	428/694TM		Fullerton, Eric E. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6834026 B2	20041221		Method for thermally-assisted reco	369/13.1	369/13.42; 369/275.2;		Fullerton, Eric E. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1

☐ HTML  
☐ Details  
☒ HTML

Ready

100%

EAST - [Untitled1:1]

FileViewEditToolsWindowHelp

Drafts

Pending

Active

Failed

L1: (120656) disk adj1 drive

L2: (134) "lower ferromagnetic layer"

L3: (1094) "second ferromagnetic layer"

L4: (1171) 2 or 3

L5: (310050) heater

L6: (5) 1 and 4 and 5

L7: (4777) ferromagnetic adj1 layer

L8: (2980675) plural or plurality

L9: (152) 8 adj5 7

L10: (0) 9 and 5 and 1

L11: (45) 1 and 5 and 7

Details

1 and 5 and 7

1 and 5 and 7

1 and 5 and 7

	u	1	Document ID	Issue Dat	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	3	A
1	F	F	US 20040265570	20041230		Vertical magnetic recording medium, its m	428/328	428/337		Takahashi, Migaku et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	F	F	US 20040234818	20041125	28	Perpendicular magnetic recording medium, manuf	428/694TM	428/694T		Tanahashi, Kiwamu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	F	F	US 20040233565	20041125	24	Perpendicular magnetic recording medium and ma	360/66	360/59		Arai, Reiko et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	F	F	US 20040212909	20041028		Method and apparatus for read error recovery	360/66	360/53; 360/75		Naka, Hiroyuki	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	F	F	US 20040211569	20041028		Installation and use of removable heaters in a	166/380			Vinegar, Harold J. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	F	F	US 20040185306	20040923		'Thermal spring' magnetic recording medi	428/694TM	360/131		Coffey, Kevin Robert et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	F	F	US 20040071923	20040415	10	Method for thermally-assisted reco	428/65.3			Fullerton, Eric E. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	F	F	US 20040040715	20040304		In situ production of a blending agent from a h	166/302			Wellington, Scott Lee et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	F	F	US 20030218834	20031127		Magnetic recording media and magnetic stor	360/313	360/135		Kanbe, Tetsuya et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	F	F	US 20030211364	20031113		Magnetic recording media and magnetic reco	428/694TS	428/611		Kanbe, Tetsuya et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	F	F	US 20030205378	20031106		In situ recovery from lean and rich zones in	166/302			Wellington, Scott Lee et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	F	F	US 20030201098	20031030		In situ recovery from a hydrocarbon containin	166/53	702/12		Karanikas, John Michael et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	F	F	US 20030196810	20031023		Treatment of a hydrocarbon containin	166/300			Vinegar, Harold J. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	F	F	US 20030196801	20031023		In situ thermal processing of a hydroca	166/263			Vinegar, Harold J. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	F	F	US 20030196789	20031023		In situ thermal processing of a hydroca	166/64			Wellington, Scott Lee et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	F	F	US 20030196789	20031023		Producing hydrocarbons	166/57			Vinegar, Harold J.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ready

3AM

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	3	4
15	F	F	US 20030196789	20031023		In situ thermal processing of a hydrocarbon	166/64			Wellington, Scott Lee et al.					
16	F	F	US 20030196788	20031023		Producing hydrocarbons and non-hydrocarbon con	166/57			Vinegar, Harold J. et al.					
17	F	F	US 20030192693	20031016		In situ thermal processing of a hydrocarbon	166/267			Wellington, Scott Lee					
18	F	F	US 20030192691	20031016		In situ recovery from a hydrocarbon containing	166/250.12			Vinegar, Harold J. et al.					
19	F	C	US 20030183390	20031002		Methods and systems for heating a hydrocarbon c	166/302			Veenstra, Peter et al.					
20	F	F	US 20030178191	20030925		In situ recovery from a kerogen and liquid hydrocarbon	166/65.1			Mahe, Kevin Albert et al.					
21	F	C	US 20030173085	20030918		Upgrading and mining of coal	166/302	299/14		Vinegar, Harold J. et al.					
22	F	F	US 20030173082	20030918		In situ thermal processing of a heavy oil	166/272.2			Vinegar, Harold J. et al.					
23	F	C	US 20030173081	20030918		In situ thermal processing of an oil reservoir	166/272.1			Vinegar, Harold J. et al.					
24	F	F	US 20030173072	20030918		Forming openings in a hydrocarbon containing	166/66.5			Vinegar, Harold J. et al.					
25	F	F	US 20030155111	20030821		In situ thermal processing of a tar sand	166/59			Vinegar, Harold J. et al.					
26	F	F	US 20030148143	20030807		Magnetic recording medium and magnetic recording	428/694TS	428/694BM; 428/694R; 428/694TM		Kanbe, Tetsuya et al.					
27	F	F	US 20030108721	20030612	10	Thermally-assisted magnetic recording disk	428/195.1			Fullerton, Eric E. et al.					
28	F	C	US 20020192506	20021219		'Thermal Spring' magnetic recording medium	428/694TM			Coffey, Kevin Robert et al.					
29	F	F	US 20020191320	20021219		Thermally-assisted magnetic recording system	360/59	360/78.04		Coffey, Kevin Robert et al.					
30	F	C	US 20020150796	20021017		Magnetic recording media and magnetic recording	428/694TS			Kanbe, Tetsuya et al.					
31	F	F	US 20020018920	20020214		Magnetic recording medium and magnetic recording	428/694TS			Yamamoto, Tomoo et al.					
32	F	C	US 20010024743	20010927		Magnetic recording media and magnetic storage	428/694TS			Kanbe, Tetsuya et al.					
33	F	F	US 6834026 B2	20041221	10	Method for thermally-assisted magnetic recording	369/13.1	369/13.42; 369/275.2		Fullerton, Eric E. et al.					
34	F	F	US 6830837 B2	20041214		Magnetic recording medium and magnetic recording	428/694TM			Kanbe, Tetsuya et al.					
35	F	F	US 6830824 B2	20041214		Magnetic recording medium with multiple magnetic	428/611	369/13.38; 428/336		Kikitsu, Akira et al.					
36	F	F	US 6596420 B2	20030722		Magnetic recording media and magnetic recording	428/694TS	428/611; 428/667		Kanbe, Tetsuya et al.					
37	F	C	US 6574060 B2	20030603		Magnetic storage apparatus	360/55	360/313; 428/694R		Kanbe, Tetsuya et al.					
38	F	F	US 6403240 B1	20020611		Magnetic recording media and magnetic recording	428/694TS	360/131; 365/173		Kanbe, Tetsuya et al.					
39	F	C	US 6307720	20011023		Thin film magnetic head	360/313	360/126		Hayakawa, Yasuo					

EAST - [Untitled1:1]													
File Edit Tools Window Help													
DRAFTS													
Document ID Issue Date Pages Title Current OR Current XR Retrieval Inventor S C P 3													
22	F	US	20030173082	20030918	10	In situ thermal processing of a heavy oil	166/272.2			Vinegar, Harold J. et al.			
23	F	US	20030173081	20030918	10	In situ thermal processing of an oil reservoir	166/272.1			Vinegar, Harold J. et al.			
24	F	US	20030173072	20030918	10	Forming openings in a hydrocarbon-containing medium	166/66.5			Vinegar, Harold J. et al.			
25	F	US	20030155111	20030821	10	In situ thermal processing of a tar sand	166/59			Vinegar, Harold J. et al.			
26	F	US	20030148143	20030807	10	Magnetic recording medium and magnetic recording method	428/694TS	428/694BM;		Kanbe, Tetsuya et al.			
27	F	US	20030108721	20030612	10	Thermally-assisted magnetic recording disk	428/195.1	428/694R;		Fullerton, Eric E. et al.			
28	F	US	20020192506	20021219	10	'Thermal Spring' magnetic recording medium	428/694TM			Coffey, Kevin Robert et al.			
29	F	US	20020191320	20021219	10	Thermally-assisted magnetic recording system	360/59	360/78.04		Coffey, Kevin Robert et al.			
30	F	US	20020150796	20021017	10	Magnetic recording media and magnetic recording method	428/694TS			Kanbe, Tetsuya et al.			
31	F	US	20020018920	20020214	10	Magnetic recording medium and magnetic recording method	428/694TS			Yamamoto, Tomoo et al.			
32	F	US	20010024743	20010927	10	Magnetic recording media and magnetic storage method	428/694TS			Kanbe, Tetsuya et al.			
33	F	US	6834026 B2	20041221	10	Method for thermally-assisted magnetic recording	369/13.1	369/13.42;		Fullerton, Eric E. et al.			
34	F	US	6830837 B2	20041214	10	Magnetic recording medium and magnetic recording method	428/694TM	369/275.2;		Kanbe, Tetsuya et al.			
35	F	US	6830824 B2	20041214	10	Magnetic recording medium with multiple magnetic layers	428/611	428/667;		Kikitsu, Akira et al.			
36	F	US	6596420 B2	20030722	10	Magnetic recording media and magnetic recording method	428/694TS	369/13.38;		Kanbe, Tetsuya et al.			
37	F	US	6574060 B2	20030603	10	Magnetic storage apparatus	428/667;	428/336;		Kanbe, Tetsuya et al.			
38	F	US	6403240 B1	20020611	10	Magnetic recording media and magnetic recording method	360/55	360/313;		Kanbe, Tetsuya et al.			
39	F	US	6307720 B1	20011023	10	Thin film magnetic head	428/694TS	428/694R;		Kanbe, Tetsuya et al.			
40	F	US	6275028 B1	20010814	10	Methods for initializing and/or recording	360/131;	365/173;		Hayakawa, Yasuo			
41	F	US	6221508 B1	20010424	10	Magnetic recording media	360/313	360/126		Matsui, Takao et al.			
42	F	US	5585986 A	19961217	10	Digital magnetoresistive sensor	324/210	29/603.08;		Kanbe, Tetsuya et al.			
43	F	US	5583727 A	19961210	10	Multiple data layer magnetic recording data	428/617	324/228;		Parkin, Stuart S. et al.			
44	F	US	5447781 A	19950905	10	Magnetoresistance film and method of manufacture	360/324	427/131;		Parkin, Stuart S. et al.			
45	F	US	4560624 A	19851224	10	Magnetic recording media with a dual protection layer	360/324	257/E43.00		Kano, Hiroshi et al.			
										Guttner, Christine et al.			